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## Germany

### Livestock and Products

#### Annual

#### 2000

Approved by: **Peter O. Kurz**  
**U.S. Embassy, Berlin**  
Prepared by: Markus Frimmersdorf

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#### Report Highlights:

**Production of beef/veal in Germany may decline only slightly in CY2000. Higher imports are likely and may result in stable consumption. Pork production is expected to be stable in CY2000 while pork consumption may decline slightly. The German feed industry is small scale but consolidating due to over capacity. The industry is commercially oriented. Only small quantities go to affiliated livestock operations (integrated producers) as on-farm mixing is popular.**

Note: This report contains PSDs on cattle, beef/veal, swine, pork, sheep, sheep/mutton/goat meat, tallow and grease, hides and skins, strategic indicator tables for feed and numerous price data.

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Includes PSD changes: Yes  
Includes Trade Matrix: Yes  
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## Section I: Executive Summary

### Cattle and Beef

Cattle stocks declined by two percent from 14.94 million head in CY1998 to 14.66 million head in CY1999. A three percent drop from the previous year to 14.22 million head is expected in CY2000. Farmers are reducing cattle operations in response to low market prices for beef/veal and cattle as well as to quota restrictions in the dairy sector. Declines in CY1999 were particularly evident in dairy cows at 2.5 percent and less pronounced in young bulls up to the age of two years at 1.6 percent. However, numbers of suckler cows increased by 7.5 percent, but are expected to stabilize at slightly over 680,000 head because of a mandated yearly cap in head premiums.

Imports of cattle are expected to remain stable in CY2000 and 2001, but exports may decline in CY2001 in response to reduced export subsidies and insecurity over cattle diseases and cattle origin. In response to this development in cattle inventories and trade, cattle production may decline by 3.6 percent from 4.8 million head in CY1999 to 4.6 million head in CY2000.

Overall, slaughter numbers are likely to decline moderately and result in a small drop in beef/veal production in CY 2000. Together with higher imports and lower exports of beef, consumption of beef/veal is expected to be stable in CY2000 compared to CY 1999.

### Beef Labeling

Beginning September 1, 2000, sales of fresh EU beef/veal cuts for retail (not processed, not for HRI sales) and minced beef must indicate the country of slaughter and cutting on the retail label. In Germany, tentatively the label must also indicate the country of birth and feeding (for cattle raised in Germany only). In 2002, the country of birth and feeding must be indicated EU-wide. Third country beef sales are exempt from these requirements and must only indicate the country of origin, although, U.S. beef from cattle raised under the Non-Hormone Treated Cattle (NHTC) program, already qualifies for such information.

### Swine and Pork

Swine stocks declined by one percent from 26.3 million head to 26.0 million head in CY1999. A further one percent drop is expected in CY2000. In particular, in western Germany, where most pigs are raised, farmers are reducing pig numbers in response to low market prices for slaughter pigs. In eastern Germany, where pig operations are often huge enterprises, farmers tend to keep breeding sows and stocks to be ready for the next upswing of the pig cycle. Overall, reductions are for young pigs at - 4.2 percent; breeding pigs, - 2.9 percent; pregnant sows, - 1.7 percent; sows pregnant for the first time, - 6.2 percent; and piglets, - 1.6 percent. This development indicates a decline in the pig crop in CY 2000 by two percent to below 41 million head. This drop may be unevenly distributed with a decline of one percent through the third quarter and a decline of four percent during the fourth quarter.

Pork production is likely to remain at the 1999 level despite a reduction in pig crop and slaughter because higher slaughter weights offset the decline in slaughter numbers. Stable imports and exports may result in a minor drop in pork consumption in CY2000.

Despite the decline in stocks and production, pork prices are unlikely to recover much as GATT restrictions limit subsidized EU exports to 400,000 MT in MY 2000/01.

### **Beef Intervention Stocks Almost Zero**

Beef intervention stocks in Germany dipped from 151,920 MT at the end of CY 1998 to only 21,000 MT at the end of CY 1999. Total sales from intervention thus amounted to 131,920 MT in CY1999 of which approximately 80,000 MT were sold to third countries (including shipments which received export subsidies), around 47,000 MT comprised food aid for Russia, 9,350 MT went into beef processing within the European Union, 5,580 MT were sold without restrictions and 61 MT consisted of sales to social institutions. Intervention stocks are likely to decline to zero at the end of CY2000.

### **The German Compound Feed Industry**

The German Compound Feed Industry was comprised of 510 companies (companies with an annual production capacity of more than 250 MT) in CY1999. In marketing year MY1998/99 (July/June), the industry produced 19.04 million MT of mixed (compound) feed with a turnover of 7.8 billion DM (approximately US\$3.9 billion). German farmers spent 9.3 billion DM (US\$ 4.6) on animal feed. Consequently, the compound feed industry accounted for 84 percent of total commercial feed expenditures in Germany.

The compound feed industry in Germany is characterized by commercial production. Integrated production is small as only marginal quantities of compound feed are channeled into affiliated livestock operations. However, a significant quantity of feed is mixed on the farm, by farmers, to be used in their livestock operations (see Table 4). These, often larger, farm operations use their own harvested grain and purchase premixtures of minerals and additional feed and feed concentrates to mix their own feed formulations.

The industry is haunted by overcapacity at 15 to 20 percent. Consequently, the compound feed industry is constantly consolidating (see Table 8). Since MY1992/93, the total number of companies declined by 145 and average annual production per company rose from 29,889 MT to 37,333 MT or 25 percent. Bigger companies, although small in number, account for the bulk of production. For example, in 1991/92 companies with an annual production of over 200,000 MT accounted for less than 30 percent of total production. In 1998/99 this share rose to 36 percent. Small companies tend to specialize whereas big market players supply the full range of mixed feeds for major animal varieties.

Naturally, the upside of overcapacity is the industry's ability to quickly adjust to additional demand, e.g., the increase in hog numbers in 1999 was easily met by an increase in compound feed production (see Table 4).

Despite fewer feed producers, there is fierce competition within the industry for clients. Overcapacity is mainly due to lower livestock numbers (especially cattle and hog); more mixed feed on the farm, and slow adjustment by a traditionally small scale industry.

The industry depends heavily on imports of pulses, soybean meal/soybeans, palm kernel meal, and corn gluten feed. It also imports significant quantities of fish meal, also from the United States. In addition to bulk commodities mainly soybeans, corn and corn gluten feed, the United States may provide premixtures and specialty products, such as vitamins and mineral concentrates or specialize in niche markets (e.g., pet food).

**Section II: Statistical Tables**

Table 1: PSD for Cattle (in 1,000 head) and Cattle Import Prices (in US\$ per head)

Year		1999		2000		2001
	Old	New	Old	New	Old	New
Calendar Year Begin		01/1999		01/2000		01/2001
Total Cattle Beg. Stocks	14,943	14,942	14,500	14,657	0	14,220
Dairy Cows Beg. Stocks	4,833	4,833	4,645	4,710	0	4,600
Beef Cows Beg. Stocks	640	640	679	688	0	700
Production (Calf Crop)	4,597	4,797	4,500	4,623	0	4,590
Intra EC Imports	70	89	110	87	0	80
Other Imports	120	105	110	104	0	120
TOTAL Imports	190	194	220	191	0	200
TOTAL SUPPLY	19,730	19,933	19,220	19,471	0	19,010
Intra EC Exports	620	570	550	620	0	600
Other Exports	104	154	65	105	0	110
TOTAL Exports	724	724	615	725	0	710
Cow Slaughter	1,519	1,589	1,480	1,560	0	1,550
Calf Slaughter	459	457	450	460	0	450
Other Slaughter	2,528	2,506	2,275	2,506	0	2,500
Total Slaughter	4,506	4,552	4,205	4,526	0	4,500
Loss	0	0	0	0	0	0
Ending Inventories	14,500	14,657	14,400	14,220	0	13,800
TOTAL DISTRIBUTION	19,730	19,933	19,220	19,471	0	19,010
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1998	1999	% Change			1998	1999	% Change
Jan	2,019	2,063	2.2%		Jul	2,000	1,950	-2.5%
Feb	1,649	2,056	24.7%		Aug	1,910	1,936	1.4%
Mar	1,849	1,917	3.7%		Sep	2,143	1,706	-20.4%
Apr	1,959	1,492	-23.8%		Oct	2,239	1,758	-21.5%
May	1,813	1,888	4.1%		Nov	2,223	1,960	-11.8%
Jun	1,970	1,706	-13.4%		Dec	1,961	1,645	-16.1%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Berlin estimates.

Table 2: German Export and Import of Cattle (in Head)

Imports for	1998		1999		2000
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Poland	77,326	Poland	59,707	Poland	74,000
Austria	40,520	Austria	36,648	Czech Republic	37,000
Czech Republic	38,555	Czech Republic	34,279	Austria	34,000
France	20,664	France	18,330	France	24,000
Belgium/Lux	11,541	Belgium/Lux	14,250	Belgium/Lux	8,000
Netherlands	7,400	Denmark	8,371	Netherlands	3,000
Hungary	2,790	Netherlands	8,004	Hungary	2,000
Slovakia	2,673	Romania	7,633	Slovakia	3,000
Romania	2,130	Italy	1,470	Romania	2,000
Italy	1,348	Hungary	1,191	Italy	2,000
Total for Others	204,947	Total for Others	189,883	Total for Others	189,000
Others not listed	2,000	Others not listed	4,000	Others not listed	2,000
Grand Total	206,947	Grand Total	193,883	Grand Total	191,000

Exports for	1998		1999		2000
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Netherlands	478,267	Netherlands	293,628	Netherlands	350,000
France	88,767	Italy	84,809	Italy	80,000
Spain	84,202	France	70,040	Lebanon	70,000
Italy	80,644	Spain	65,287	Spain	72,000
Lebanon	73,416	Lebanon	61,686	France	50,000
Belgium/Lux	42,500	Belgium/Lux	28,049	Belgium/Lux	30,000
Austria	28,340	Austria	23,808	Austria	29,000
Algeria	12,983	Egypt	21,991	Algeria	13,000
Morocco	8,911	Algeria	15,493	Morocco	9,000
Bosnia-Herzegov	6,348	Libya	9,035	Bosnia-Herzegov	6,000
Total for Others	904,378	Total for Others	673,826	Total for Others	709,000
Others not listed	40,000	Others not listed	50,000	Others not listed	16,000
Grand Total	944,378	Grand Total	723,826	Grand Total	725,000

Source: FAS/Berlin based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Berlin estimate.

Table 3: PSD for Beef and Veal (in 1,000 head, 1,000 MT) and Beef/Veal Import Prices (in US\$ per MT)

	1999		2000		2001	
	Old	New	Old	New	Old	New
Calendar Year Begin		01/1999		01/2000		01/2001
Slaughter (Reference)	4,506	4,552	4,205	4,526	0	4,500
Beginning Stocks	152	152	9	21	0	0
Production	1,353	1,374	1,342	1,370	0	1,370
Intra EC Imports	175	231	175	240	0	240
Other Imports	70	82	80	80	0	80
TOTAL Imports	245	313	255	320	0	320
TOTAL SUPPLY	1,750	1,839	1,606	1,711	0	1,690
Intra EC Exports	285	318	245	281	0	280
Other Exports	210	222	130	150	0	130
TOTAL Exports	495	540	375	431	0	410
Human Dom. Consumption	854	877	848	880	0	880
Other Use, Losses	392	401	383	400	0	400
TOTAL Dom. Consumption	1,246	1,278	1,231	1,280	0	1,280
Ending Stocks	9	21	0	0	0	0
TOTAL DISTRIBUTION	1,750	1,839	1,606	1,711	0	1,690
Calendar Yr. Imp. from U.S.	1	1	1	1	1	1
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1998	1999	% Change			1998	1999	% Change
Jan	4,109	4,894	19.1%		Jul	4,185	4,024	-3.8%
Feb	4,119	4,292	4.2%		Aug	4,455	3,927	-11.9%
Mar	3,699	4,470	20.8%		Sep	5,098	4,310	-15.5%
Apr	4,194	4,264	1.7%		Oct	4,959	4,291	-13.5%
May	4,423	4,289	-3.0%		Nov	4,495	4,615	2.7%
Jun	4,510	3,969	-12.0%		Dec	4,878	4,428	-9.2%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Berlin estimates.

Table 4: German Export and Import of Beef/Veal (in MT)

Imports for	1998		1999		2000
U.S.	954	U.S.	1,243	U.S.	1,000
Others		Others		Others	
Netherlands	72,253	Netherlands	93,681	Netherlands	80,000
France	61,961	France	56,898	France	50,000
Argentina	24,448	Argentina	29,241	Argentina	27,000
Belgium/Lux	18,083	Denmark	22,935	Denmark	25,000
Denmark	17,797	Belgium/Lux	17,475	Belgium/Lux	16,000
Italy	13,921	Italy	13,219	Italy	11,000
Austria	13,897	Austria	12,009	Austria	8,000
Brazil	5,465	Brazil	7,587	Uruguay	5,000
Uruguay	4,994	Uruguay	5,071	Brazil	4,000
Ireland	4,744	Ireland	4,167	Botswana	3,500
Total for Others	237,563	Total for Others	262,283	Total for Others	229,500
Others not listed	8,000	Others not listed	10,000	Others not listed	30,000
Grand Total	246,517	Grand Total	273,526	Grand Total	260,500

Exports for	1998		1999		2000
U.S.	51	U.S.	1	U.S.	6
Others		Others		Others	
Italy	86,100	Russia	153,175	Russia	150,000
Russia	82,382	Italy	85,777	Italy	90,000
France	65,871	France	70,330	France	70,000
Netherlands	54,935	Netherlands	62,931	Netherlands	50,000
Denmark	40,071	Denmark	37,354	Denmark	38,000
Greece	12,792	Greece	15,191	Greece	20,000
Austria	10,903	Austria	13,226	Great Britain	5,000
Great Britain	9,890	Sweden	10,800	Austria	7,000
Belgium/Lux	8,145	Belgium/Lux	8,360	Belgium/Lux	8,000
Spain	7,281	Uzbekistan	8,116	Spain	6,000
Total for Others	378,370	Total for Others	465,260	Total for Others	444,000
Others not listed	50,000	Others not listed	50,000	Others not listed	80,000
Grand Total	428,421	Grand Total	515,261	Grand Total	524,006

Source: FAS/Berlin based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Berlin estimate.

Table 5: PSD for Swine (in 1,000 head) and Swine Import Prices (in US\$ per head)

	1999		2000		2001	
	Old	New	Old	New	Old	New
Calendar Year Begin		01/1999		01/2000		01/2001
TOTAL Beginning Stocks	26,299	26,299	25,800	26,003	0	25,800
Sow Beginning Stocks	2,656	2,656	2,630	2,582	0	2,500
Production (Pig Crop)	41,261	42,742	40,751	40,567	0	40,000
Intra EC Imports	3,750	3,579	3,500	3,649	0	3,700
Other Imports	20	0	0	0	0	0
TOTAL Imports	3,770	3,579	3,500	3,649	0	3,700
TOTAL SUPPLY	71,330	72,620	70,051	70,219	0	69,500
Intra EC Exports	1,160	1,164	1,175	1,157	0	1,160
Other Exports	10	12	10	12	0	10
TOTAL Exports	1,170	1,176	1,185	1,169	0	1,170
Sow Slaughter	690	761	690	750	0	730
Other Slaughter	43,670	44,680	42,576	42,500	0	41,900
TOTAL SLAUGHTER	44,360	45,441	43,266	43,250	0	42,630
Loss	0	0	0	0	0	0
Ending Inventories	25,800	26,003	25,600	25,800	0	25,700
TOTAL DISTRIBUTION	71,330	72,620	70,051	70,219	0	69,500
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1998	1999	% Change			1998	1999	% Change
Jan	1,959	1,118	-42.9%		Jul	1,486	1,115	-25.0%
Feb	1,969	1,074	-45.5%		Aug	1,344	1,253	-6.8%
Mar	1,877	1,058	-43.6%		Sep	1,303	1,256	-3.6%
Apr	1,935	1,078	-44.3%		Oct	1,170	1,197	2.3%
May	1,655	1,189	-28.2%		Nov	986	1,171	18.8%
Jun	1,428	998	-30.1%		Dec	944	1,042	10.4%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Berlin estimates.

Table 6: German Export and Import of Swine (in Head)

Imports for	1998		1999		2000
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Denmark	1,771,666	Netherlands	1,714,736	Denmark	1,700,000
Netherlands	1,357,557	Denmark	1,391,918	Netherlands	1,640,000
Belgium/Lux	90,278	Belgium/Lux	284,041	Belgium/Lux	150,000
Great Britain	54,716	Italy	54,927	Great Britain	60,000
Austria	34,553	Great Britain	54,775	Austria	30,000
Ireland	26,077	Austria	48,023	Ireland	27,000
Czech Republic	23,102	Sweden	13,386	Czech Republic	20,000
Italy	15,645	Spain	12,093	Italy	16,000
Sweden	6,182	Ireland	4,350	Sweden	5,000
France	1,014	France	538	France	1,000
Total for Others	3,380,790	Total for Others	3,578,787	Total for Others	3,649,000
Others not listed	10,906	Others not listed	500	Others not listed	100
Grand Total	3,391,696	Grand Total	3,579,287	Grand Total	3,649,100

Exports for	1998		1999		2000
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Belgium/Lux	424,277	Austria	268,348	Belgium/Lux	350,000
Austria	213,282	Belgium	268,300	France	160,000
France	185,479	Spain	268,300	Spain	200,000
Spain	168,737	Netherlands	129,549	Austria	165,000
Netherlands	154,949	Italy	103,197	Italy	150,000
Italy	138,701	France	92,616	Netherlands	120,000
Czech Republic	9,714	Luxemburg	30,908	Czech Republic	10,000
Switzerland	6,412	Switzerland	7,636	Switzerland	7,000
Croatia	1,596	Denmark	2,592	Croatia	2,000
Greece	1,113	Czech Republic	2,468	Greece	2,000
Total for Others	1,304,260	Total for Others	1,173,914	Total for Others	1,166,000
Others not listed	2,000	Others not listed	2,000	Others not listed	3,000
Grand Total	1,306,260	Grand Total	1,175,914	Grand Total	1,169,000

Source: FAS/Berlin based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Berlin estimate.

Table 7: PSD for Pork (in 1,000 head, 1,000 MT) and Pork Import Prices (in US\$ per MT)

	1999		2000		2001	
	Old	New	Old	New	Old	New
Calendar Year Begin		01/1999		01/2000		01/2001
Slaughter (Reference)	44,360	45,441	43,266	43,250	0	42,630
Beginning Stocks	15	15	20	10	0	0
Production	4,110	4,113	4,080	4,100	0	4,100
Intra EC Imports	1,185	1,050	1,185	1,050	0	1,060
Other Imports	15	12	15	15	0	15
TOTAL Imports	1,200	1,062	1,200	1,065	0	1,075
TOTAL SUPPLY	5,325	5,190	5,300	5,175	0	5,175
Intra EC Exports	295	343	275	325	0	325
Other Exports	185	175	165	200	0	200
TOTAL Exports	480	518	440	525	0	525
Human Dom. Consumption	3,462	3,361	3,490	3,350	0	3,350
Other Use, Losses	1,363	1,301	1,365	1,300	0	1,300
TOTAL Dom. Consumption	4,825	4,662	4,855	4,650	0	4,650
Ending Stocks	20	10	5	0	0	0
TOTAL DISTRIBUTION	5,325	5,190	5,300	5,175	0	5,175
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1998	1999	% Change		1998	1999	% Change
Jan	2,066	1,497	-27.5%	Jul	1,858	1,660	-10.7%
Feb	2,067	1,553	-24.9%	Aug	1,715	1,575	-8.2%
Mar	1,964	1,450	-26.2%	Sep	1,779	1,775	-0.2%
Apr	1,976	1,419	-28.2%	Oct	1,642	1,690	2.9%
May	1,938	1,501	-22.5%	Nov	1,521	1,642	8.0%
Jun	1,962	1,519	-22.6%	Dec	1,546	1,551	0.3%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Berlin estimates.

Table 8: German Export and Import of Pork (in MT)

Imports for	1998		1999		2000
U.S.	18	U.S.	35	U.S.	40
Others		Others		Others	
Netherlands	330,475	Belgium/Lux	303,009	Netherlands	350,000
Belgium/Lux	315,233	Netherlands	259,686	Belgium/Lux	330,000
Denmark	209,756	Denmark	200,491	Denmark	170,000
Great Britain	84,594	Great Britain	70,812	Great Britain	100,000
France	43,042	Spain	51,927	France	22,000
Spain	40,396	France	39,477	Spain	30,000
Italy	31,876	Italy	33,331	Italy	25,000
Ireland	24,092	Austria	25,426	Ireland	27,000
Austria	15,298	Ireland	16,360	Austria	17,000
Sweden	5,270	Hungary	8,460	Hungary	5,000
Total for Others	1,100,032	Total for Others	1,008,979	Total for Others	1,076,000
Others not listed	10,000	Others not listed	10,000	Others not listed	10,000
Grand Total	1,110,050	Grand Total	1,019,014	Grand Total	1,086,040

Exports for	1998		1999		2000
U.S.	32	U.S.	182	U.S.	100
Others		Others		Others	
Italy	123,315	Italy	129,139	Italy	130,000
Netherlands	42,926	Russia	120,530	Russia	120,000
Austria	30,751	Netherlands	47,442	Netherlands	50,000
France	25,716	Austria	40,210	Austria	40,000
Great Britain	20,705	France	30,940	France	40,000
Russia	19,189	Great Britain	21,926	Great Britain	30,000
Spain	18,183	Belgium/Lux	19,325	Spain	19,000
Belgium/Lux	15,848	Denmark	16,939	Belgium/Lux	15,000
Denmark	14,844	Spain	12,302	Denmark	8,000
Czech Republic	10,916	China	8,607	Czech Republic	1,100
Total for Others	322,393	Total for Others	447,360	Total for Others	453,100
Others not listed	40,000	Others not listed	30,000	Others not listed	10,000
Grand Total	362,425	Grand Total	477,542	Grand Total	463,200

Source: FAS/Berlin based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Berlin estimate.

Table 9: PSD for Sheep (in 1,000 head) and Sheep Import Prices (in US\$ per head)

	1999		2000		2001	
	Old	New	Old	New	Old	New
Calendar Year Begin		01/1999		01/2000		01/2001
TOTAL Beginning Stocks	2,298	2,298	2,290	2,298	0	2,298
Ewes, Beginning Stocks	1,690	1,690	1,690	1,690	0	1,690
Production (Lamb Crop)	2,192	2,187	2,160	2,190	0	2,190
Intra EC Imports	80	77	60	80	0	80
Other Imports	15	18	15	15	0	20
TOTAL Imports	95	95	75	95	0	100
TOTAL SUPPLY	4,585	4,580	4,525	4,583	0	4,588
Intra EC Exports	94	92	90	90	0	95
Other Exports	2	3	2	5	0	5
TOTAL Exports	96	95	92	95	0	100
Ewe Slaughter	0	0	0	0	0	0
Lamb Slaughter	0	0	0	0	0	0
Other Slaughter	2,199	2,187	2,190	2,190	0	2,190
TOTAL Slaughter	2,199	2,187	2,190	2,190	0	2,190
Loss	0	0	0	0	0	0
Ending Inventories	2,290	2,298	2,243	2,298	0	2,298
TOTAL DISTRIBUTION	4,585	4,580	4,525	4,583	0	4,588
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1998	1999	% Change			1998	1999	% Change
Jan	1,261	1,380	9.4%		Jul	1,849	1,554	-16.0%
Feb	1,695	1,196	-29.4%		Aug	1,689	1,234	-26.9%
Mar	1,825	1,247	-31.7%		Sep	1,733	1,108	-36.1%
Apr	1,982	1,419	-28.4%		Oct	1,870	1,450	-22.5%
May	1,652	1,215	-26.5%		Nov	1,535	1,371	-10.7%
Jun	1,711	1,669	-2.5%		Dec	1,456	1,322	-9.2%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Berlin estimates.

Table 10: German Export and Import of Sheep (in Head)

Imports for	1998		1999		2000
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Great Britain	30,890	Great Britain	35,000	Great Britain	42,000
Poland	16,393	Netherlands	27,000	Poland	19,000
Netherlands	14,520	Poland	16,642	Netherlands	15,000
France	8,641	France	12,000	France	10,000
Denmark	7,944	Denmark	2,000	Denmark	7,000
Austria	1,756	Austria	2,000	Austria	1,000
Italy	521	Czech Republic	842	Italy	600
Ireland	346	Switzerland	449	Ireland	400
Switzerland	258			Switzerland	200
Czech Republic	76			Czech Republic	100
Total for Others	81,345	Total for Others	95,933	Total for Others	95,300
Others not listed	30	Others not listed	0	Others not listed	0
Grand Total	81,375	Grand Total	95,933	Grand Total	95,300

Exports for	1998		1999		2000
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Italy	52,938	Italy	54,438	Italy	45,000
France	20,450	France	20,000	France	24,000
Netherlands	16,166	Netherlands	16,166	Netherlands	20,000
Belgium/Lux	4,673	Lebanon	2,561	Belgium/Lux	3,000
Spain	1,037	Bosnia-Herzegov	502	Spain	1,000
Denmark	780	Belgium	418	Danmark	800
Bosnia-Herzegov	666	Denmark	404	Bosnia-Herzegov	700
Czech Republic	225	Austria	220	Czech Republic	200
Switzerland	136	Georgia	153	Switzerland	100
Hungary	129	Brazil	83	Hungary	100
Total for Others	97,200	Total for Others	94,945	Total for Others	94,900
Others not listed	68	Others not listed	210	Others not listed	1,000
Grand Total	97,268	Grand Total	95,155	Grand Total	95,900

Source: FAS/Berlin based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Berlin estimate.

Table 11: PSD for Mutton, Lamb and Goat Meat (in 1,000 head) and Meat Import Prices (in US\$ per head)

	1999		2000		2001	
	Old	New	Old	New	Old	New
Calendar Year Begin		01/1999		01/2000		01/2001
Slaughter (Reference)	2,199	2,187	2,190	2,190	0	2,190
Beginning Stocks	0	0	0	0	0	0
Production	45	45	45	44	0	44
Intra EC Imports	18	16	18	16	0	16
Other Imports	43	41	43	41	0	41
TOTAL Imports	61	57	61	57	0	57
TOTAL SUPPLY	106	102	106	101	0	101
Intra EC Exports	4	7	4	4	0	4
Other Exports	0	0	0	0	0	0
TOTAL Exports	4	7	4	4	0	4
Human Dom. Consumption	70	63	70	65	0	65
Other Use, Losses	32	32	32	32	0	32
TOTAL Dom. Consumption	102	95	102	97	0	97
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	106	102	106	101	0	101
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1998	1999	% Change			1998	1999	% Change
Jan	4,318	4,067	-5.8%		Jul	3,986	3,854	-3.3%
Feb	4,396	4,287	-2.5%		Aug	4,266	4,057	-4.9%
Mar	4,408	4,210	-4.5%		Sep	4,279	4,020	-6.1%
Apr	4,206	4,045	-3.8%		Oct	4,708	4,215	-10.5%
May	4,040	4,091	1.3%		Nov	4,368	3,847	-11.9%
Jun	4,246	4,042	-4.8%		Dec	4,239	3,894	-8.1%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Berlin estimates.

Table 12: German Export and Import of Mutton, Lamb and Goat Meat (in MT)

Imports for	1998		1999		2000
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
New Zealand	30,531	New Zealand	29,785	New Zealand	30,000
Great Britain	7,472	Great Britain	6,830	Great Britain	8,000
Ireland	5,780	Ireland	2,820	Ireland	6,000
Spain	1,097	Belgium/Lux	1,628	Australia	2,000
Belgium/Lux	1,011	Uruguay	1,499	Spain	1,000
Uruguay	1,003	Spain	1,351	Uruguay	1,000
Netherlands	903	Netherlands	826	Belgium/Lux	1,000
France	491	France	452	Netherlands	600
Denmark	136	Greece	89	France	500
Greece	113	Chile	85	Greece	100
Total for Others	48,537	Total for Others	45,365	Total for Others	50,200
Others not listed	120	Others not listed	300	Others not listed	200
Grand Total	48,657	Grand Total	45,665	Grand Total	50,400

Exports for	1998		1999		2000
U.S.	0	U.S.	0	U.S.	0
Others		Others		Others	
Great Britain	824	France	914	Great Britain	900
Spain	532	Denmark	891	Denmark	500
Belgium/Lux	388	Netherlands	724	Belgium/Lux	400
Austria	366	Austria	561	Spain	350
Netherlands	348	Great Britain	515	Austria	350
France	325	Spain	487	Sweden	330
Spain	318	Sweden	274	France	300
Denmark	312	Portugal	263	Netherlands	150
Finland	65	Belgium/Lux	229	Finland	100
Switzerland	42	Finland	86	Switzerland	100
Total for Others	3,520	Total for Others	4,944	Total for Others	3,480
Others not listed	123	Others not listed	100	Others not listed	230
Grand Total	3,643	Grand Total	5,044	Grand Total	3,710

Source: FAS/Berlin based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Berlin estimate.

Table 13: PSD for Bovine Hides and Skins (in 1,000 MT, 1,000 pieces) and Import Prices (in US\$ per MT)

	1999		2000		2001	
	Old	New	Old	New	Old	New
Calendar Year Begin		01/1999		01/2000		01/2001
Beginning Stocks	0	0	0	0	0	0
Production In MT	149	151	139	150	0	149
Production In Pieces	4,500	4,552	4,205	4,526	0	4,500
Intra EC Imports	47	54	58	55	0	55
Other Imports	25	21	28	25	0	25
TOTAL Imports	72	75	86	80	0	80
TOTAL SUPPLY	221	226	225	230	0	229
Intra EC Exports	91	93	91	95	0	95
Other Exports	28	23	31	25	0	25
TOTAL Exports	119	116	122	120	0	120
Domestic Consumption	102	110	103	110	0	109
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	221	226	225	230	0	229
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1998	1999	% Change			1998	1999	% Change
Jan	1,619	1,773	9.5%		Jul	1,630	1,136	-30.3%
Feb	1,799	1,697	-5.7%		Aug	1,761	1,626	-7.7%
Mar	1,568	1,406	-10.3%		Sep	1,763	1,378	-21.8%
Apr	1,684	1,408	-16.4%		Oct	1,771	1,533	-13.4%
May	1,678	1,148	-31.6%		Nov	1,849	1,330	-28.1%
Jun	1,709	1,496	-12.5%		Dec	1,397	1,434	2.6%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Berlin estimates.

Table 14: German Export and Import of Bovine Hides and Skins (in MT)

Imports for	1998		1999		2000
U.S.	134	U.S.	44	U.S.	100
Others		Others		Others	
Netherlands	22,604	Austria	20,655	Austria	20,000
Austria	17,821	Netherlands	16,915	Netherlands	16,000
Switzerland	8,570	Switzerland	5,880	Switzerland	8,000
France	5,243	Czech Republic	5,431	Czech Republic	5,000
Czech Republic	4,827	France	4,507	France	4,000
Great Britain	3,254	Great Britain	3,485	Great Britain	4,000
Russia	2,697	Russia	2,247	Russia	3,000
Belgium/Lux	2,406	Denmark	2,201	Belgium/Lux	3,000
Finland	2,248	Belgium	1,884	Finland	3,000
Norway	2,195	Slovakia	1,479	Norway	3,000
Total for Others	71,865	Total for Others	64,684	Total for Others	69,000
Others not listed	11,162	Others not listed	10,897	Others not listed	11,000
Grand Total	83,161	Grand Total	75,625	Grand Total	80,100

Exports for	1998		1999		2000
U.S.	53	U.S.	17	U.S.	50
Others		Others		Others	
Austria	34,140	Austria	41,816	Austria	34,000
Italy	28,876	Netherlands	22,917	Netherlands	23,000
Netherlands	26,901	Italy	21,428	Italy	20,000
Slovakia	8,900	Slovakia	6,411	Slovakia	12,000
Spain	4,538	Poland	3,330	Poland	4,300
Poland	4,446	South Korea	3,157	South Korea	3,800
South Korea	4,187	Spain	2,941	Denmark	3,700
Denmark	4,155	Czech Republic	2,562	Spain	4,400
Thailand	3,422	France	2,127	Thailand	2,600
Hungary	2,691	Thailand	1,616	Hungary	1,000
Total for Others	122,256	Total for Others	108,305	Total for Others	108,800
Others not listed	13,249	Others not listed	7,501	Others not listed	11,000
Grand Total	135,558	Grand Total	115,823	Grand Total	119,850

Source: FAS/Berlin based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Berlin estimate.

Table 15: PSD for By-Products, Tallow and Grease (in 1,000 MT) and Import Prices (in US\$ per MT)

	1999		2000		2001	
	Old	New	Old	New	Old	New
Calendar Year Begin		01/1999		01/2000		01/2001
Beginning Stocks	0	0	0	0	0	0
Production	175	177	173	176	0	176
Intra EC Imports	43	58	43	50	0	50
Other Imports	31	30	31	29	0	20
TOTAL Imports	74	88	74	79	0	70
TOTAL SUPPLY	249	265	247	255	0	246
Intra EC Exports	199	231	199	200	0	200
Other Exports	25	19	25	37	0	26
TOTAL Exports	224	250	224	237	0	226
Domestic Consumption	25	15	23	18	0	20
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	249	265	247	255	0	246
Calendar Yr. Imp. from U.S.	34	23	40	34	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Year	1998	1999	% Change			1998	1999	% Change
Jan	559	454	-18.8%		Jul	453	314	-30.7%
Feb	463	457	-1.3%		Aug	395	347	-12.2%
Mar	529	485	-8.3%		Sep	465	430	-7.5%
Apr	554	399	-28.0%		Oct	472	320	-32.2%
May	502	511	1.8%		Nov	492	337	-31.5%
Jun	505	400	-20.8%		Dec	503	427	-15.1%

Note: Values are in US\$ calculated from local currency import prices based on monthly exchange rates.

Source: Federal Office of Statistics, ZMP (Central Market and Price Reporting Agency), FAS/Berlin estimates.

Table 16: German Export and Import of By-Products, Tallow and Grease (in MT)

Imports for	1998		1999		2000
U.S.	23,288	U.S.	1,406	U.S.	34,000
Others		Others		Others	
Netherlands	14,692	Netherlands	30,000	Netherlands	8,000
Denmark	8,937	Sweden	11,997	Denmark	8,000
Sweden	8,376	Denmark	10,741	Sweden	8,000
Belgium/Lux	7,576	Belgium	7,292	Belgium/Lux	5,000
France	5,377	Canada	4,514	France	4,000
Canada	2,236	France	2,518	Canada	2,000
Poland	1,596	Italy	1,923	Poland	1,000
Great Britain	1,454	Austria	1,419	Great Britain	2,000
Austria	1,009	Great Britain	1,295	Austria	1,000
Hungary	899	Hungary	1,021	Hungary	1,000
Total for Others	52,152	Total for Others	72,720	Total for Others	40,000
Others not listed	429	Others not listed	14,000	Others not listed	5,000
Grand Total	75,869	Grand Total	88,126	Grand Total	79,000

Exports for	1998		1999		2000
U.S.	37	U.S.	23	U.S.	40
Others		Others		Others	
Netherlands	118,136	Netherlands	125,602	Netherlands	120,000
Italy	22,743	France	27,692	Italy	23,000
France	17,226	Italy	23,588	France	18,000
Belgium/Lux	17,194	Belgium	18,450	Belgium/Lux	17,000
Denmark	15,507	Spain	11,975	Denmark	15,000
Great Britain	10,842	Denmark	10,577	Great Britain	11,000
Spain	9,917	Russia	8,171	Spain	10,000
Switzerland	6,891	Great Britain	8,075	Switzerland	6,000
Czech Republic	5,222	Austria	4,046	Czech Republic	6,000
Russia	3,111	Switzerland	3,723	Russia	6,000
Total for Others	226,789	Total for Others	241,899	Total for Others	232,000
Others not listed	9,327	Others not listed	8,341	Others not listed	5,000
Grand Total	236,153	Grand Total	250,263	Grand Total	237,040

Source: FAS/Berlin based on official data from the German Federal Office of Statistics in Wiesbaden.  
FAS/Berlin estimate.

Table 17: Livestock numbers, December census (in 1,000 head)

	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b>Total Cattle</b>	17,134	16,207	15,897	15,962	15,890	15,760	15,227	14,942	14,657
<b>Milk Cows</b>	5,632	5,365	5,301	5,273	5,229	5,195	5,026	4,833	4,710
<b>Suckler Cows</b>	230	397	442	522	570	594	608	640	688
<b>Total Hogs</b>	26,063	26,514	26,075	24,698	23,736	24,283	24,795	26,294	26,003
<b>Breeding Hogs</b>	2,917	2,989	2,808	2,613	2,529	2,547	2,614	2,656	2,582
<b>Total Sheep</b>	2,488	2,386	2,369	2,340	2,395	2,324	2,302	2,298	2,300 1/
<b>Breeding Sheep</b>	1,760	1,691	1,700	1,696	1,735	1,695	1,644	1,690	1,690 1/

1/ Estimate.

Note: Since 1999 November Census.

Source: BML Statistischer Monatsbericht, various issues.

Table 18: Total and Human Per Capita Consumption of Meat in Germany (in kg/capita)

	1996		1997		1998		1999		2000	
	Total	Human								
<b>Beef, veal</b>	15.2	10.5	14.5	10.0	15.1	10.4	15.6	10.7	15.7	10.8
<b>Pork</b>	54.7	39.5	53.8	38.8	56.1	40.4	56.8	40.9	56.5	40.8
<b>Lamb, goat</b>	1.1	0.8	1.1	0.7	1.2	0.8	1.2	0.8	1.2	1.2
<b>Horse</b>	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0
<b>Offals</b>	4.6	1.2	4.3	1.1	4.3	1.1	4.2	1.1	4.2	1.1
<b>Poultry</b>	14.1	8.4	14.7	8.8	15.2	9.1	15.2	9.1	15.2	9.1
<b>Other 2/</b>	1.4	1.0	1.4	1.0	1.4	1.0	1.4	1.0	1.4	1.0
<b>TOTAL</b>	91.4	61.3	89.9	60.4	93.4	62.8	94.4	63.5	94.4	64.2

1/ FAS estimate.

2/ Rabbit, dam (farm-raised deer), venison.

NOTE: Total consumption includes human consumption, feed, pet food, industrial use and losses.

Source: ZMP - Bilanz Vieh & Fleisch, various publications.

Table 19: Prices for Young Bulls, grade R3 (in DM per kg CWE)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1997	5.23	5.11	5.17	5.01	4.98	4.95	5.01	5.17	5.22	5.27	5.34	5.43
1998	5.50	5.54	5.55	5.38	5.20	5.20	5.20	5.30	5.22	5.15	5.15	5.26
1999	5.29	5.31	5.29	5.18	5.08	5.00	4.98	5.00	5.05	5.03	5.12	5.22
2000	5.17	5.32	5.33	5.26	5.17							

Source: Agrarwirtschaft, economic data, various issues.

Table 20: Producer Prices for Beef, weighted average all grades (in DM per kg CWE)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1997	4.35	4.38	4.48	4.45	4.54	4.53	4.57	4.65	4.64	4.62	4.63	4.73
1998	4.72	4.76	4.86	4.74	4.73	4.76	4.72	4.78	4.62	4.42	4.43	4.47
1999	4.32	4.40	4.47	4.42	4.47	4.46	4.47	4.45	4.46	4.43	4.42	4.52
2000	4.39	4.51	4.57	4.56	4.61							

Source: Agrarwirtschaft, economic data, various issues.

Table 21: Prices for Hogs, grade E (in DM per kg CWE)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1997	2.88	3.02	3.17	3.82	4.17	3.60	3.45	3.71	3.71	3.26	3.05	2.80
1998	2.69	2.90	2.76	2.61	2.49	2.51	2.43	2.27	2.12	1.83	1.66	1.98
1999	1.73	1.90	1.98	1.94	2.07	2.47	2.49	2.57	2.43	2.26	2.21	2.26
2000	2.09	2.61	2.54	2.58	2.78							

Source: Agrarwirtschaft, economic data, various issues.

Table 22: Producer Prices for Pork, weighted average all grades (in DM per kg CWE)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1997	2.77	2.91	3.06	3.71	4.05	3.48	3.33	3.61	3.60	3.14	2.94	2.77
1998	2.58	2.79	2.66	2.50	2.38	2.39	2.31	2.15	2.01	1.73	1.55	1.88
1999	1.63	1.80	1.88	1.84	1.98	2.36	2.38	2.48	2.34	2.16	2.12	2.16
2000	2.00	2.31	2.46	2.50	2.69							

Source: Agrarwirtschaft, economic data, various issues.

Table 23: Prices for Lambs, all-inclusive, various grades (in DM per kg CWE)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1997	8.01	8.46	9.36	8.47	7.14	6.49	6.41	7.00	7.46	7.75	7.29	7.12
1998	7.66	7.43	7.37	7.18	6.80	6.88	6.85	6.47	6.66	6.20	6.05	5.96
1999	6.06	5.95	6.25	6.44	6.29	6.27	6.09	5.74	6.07	5.90	5.93	6.16
2000	6.47	7.68	7.81	7.49	6.66							

Source: Agrarwirtschaft, economic data, various issues.

Table 24: Consumer Prices for Beef, weighted, incl. 7% VAT (in DM per kg CWE)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1997	13.99	13.96	13.97	13.94	14.05	14.09	14.10	14.12	14.09	14.07	14.07	14.09
1998	14.08	14.09	14.05	14.05	14.08	14.10	14.06	14.06	14.00	13.95	13.92	13.92
1999	13.92	13.86	13.83	13.82	13.80	13.82	13.81	13.78	13.75	13.74	13.80	13.82
2000	13.85	13.90	13.85	13.90	13.93							

Source: Agrarwirtschaft, economic data, various issues.

Table 25: Consumer Prices for Pork, weighted, incl. 7% VAT (in DM per kg CWE)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1997	9.15	9.16	9.14	9.15	9.48	9.67	9.67	9.63	9.62	9.58	9.56	9.57
1998	9.56	9.54	9.49	9.47	9.47	9.40	9.35	9.34	9.27	9.12	8.96	8.85
1999	8.84	8.76	8.67	8.68	8.64	8.62	8.63	8.61	8.58	8.55	8.55	8.56
2000	8.54	8.47	8.48	8.53	8.55							

Source: Agrarwirtschaft, economic data, various issues.

Table 26: EU Custom Tariffs for Beef (in Percent and i per 100 kg/net weight)

CN Code	Description	07/98 - 06/1999	07/99-06/2000	Final rate 07/2000
		% + i /100 kg net	% + i /100 kg net	% + i /100 kg net
0201 10 00	Fresh carcasses	15.2 + 210 *	14 + 193.4 *	12.8 + 176.8 *
0201 20 20	Compensated quarters	15.2 + 210 *	14 + 193.4 *	12.8 + 176.8 *
0201 20 30	Forequarters, fresh	15.2 + 167.9 *	14 + 154.7 *	12.8 + 141.4 *
0201 20 50	Hindquarters, fresh	15.2 + 252 *	14 + 232.1 *	12.8 + 212.2 *
0201 20 90	Other cuts with bone in	15.2 + 314.9 *	14 + 290.1 *	12.8 + 265.2 *

0201 30 00	Boneless fresh meat	15.2 + 360.3 *	14 + 331.8 *	12.8 + 303.4 *
0202 10 00	Frozen carcasses	15.2 + 210 *	14 + 193.4 *	12.8 + 176.8 *
0202 20 10	Frozen compensated quarters	15.2 + 210 *	14 + 193.4 *	12.8 + 176.8 *
0202 20 30	Frozen forequarters	15.2 + 167.9 *	14 + 154.7 *	12.8 + 141.4 *
0202 20 50	Frozen hindquarters	15.2 + 262.5 *	14 + 241.8 *	12.8 + 221.1 *
0202 20 90	Other frozen cuts with bone	15.2 + 315.0 *	14 + 290.2 *	12.8 + 265.3 *
0202 30 10	Boneless quarters	15.2 + 262.5 *	14 + 241.8 *	12.8 + 221.1 *
0202 30 50	Boneless crop/chuck/blade	15.2 + 262.5 *	14 + 241.8 *	12.8 + 221.1 *
0202 30 90	Other boneless cuts	15.2 + 361.1 *	14 + 332.6 *	12.8 + 304.1 *
0206 10 91	Fresh livers	2.3 %	1.2 %	Free
0206 10 95	Fresh skirts	15.2 + 360.3 *	14 + 331.8 *	12.8 + 303.4 *
0206 10 99	Other fresh varieties	1.3 %	0.7 %	Free
0206 21 00	Frozen tongues	1.3 %	0.7 %	Free
0206 22 90	Frozen livers	2.3 %	1.2 %	Free
0206 29 91	Frozen skirts	15.2 + 361.1 *	14 + 332.6 *	12.8 + 304.1 *
0206 29 99	Other frozen varieties	1.3 %	0.7 %	Free
0210 20 10	Meat with bone in	18.3 + 314.9	16.8 + 290.1	15.4 + 265.2
0210 20 90	Boneless meat	18.3 + 360.3	16.8 + 331.8	15.4 + 303.4
0210 90 41	Skirt meat	18.3 + 360.3	16.8 + 331.8	15.4 + 303.4
0210 90 49	Other meat	15.2 %	14 %	12.8 %
1602 50 10	Prepared, uncooked meat	360.3 i	331.8 i	303.4 i
1602 50 31	Prepared corned beef	19.7 %	18.2 %	16.6 %
1602 50 39	Other canned meat	19.7 %	18.2 %	16.6 %
1602 50 80	Other cooked meat	19.7 %	18.2 %	16.6 %

\* WTO Tariff quota. Limited quantities are available at a lower tariff or duty rate.

Source: Official Journal of the European Communities, L 292, Volume 41, 30 October 1998. Schedule LXXX - European Communities. FAS/Berlin calculation.

Table 27: EU Custom Tariffs for Meat of Domestic Swine (in Percent or i per 100 kg/net)

CN Code	Description	07/98-06/99	07/99-06/2000	07/2000
0203;1110+2110	Carcasses	63.7 i *	58.6 i *	53.6 i *
0203;1211+2211	Hams	92.4 i *	85.1 i *	77.8 i *
0203;1219+2219 0203;1911+2911	Shoulders and fore-ends	71.4 i *	65.7 i *	60.1 i *
0203;1913+2913	Loins	103.2 i *	95.1 i *	86.9 i *
0203;1915+2915	Bellies	55.4 i *	51.1 i *	46.7 i *
0203;1955+2955 +1959+2959	Other parts	103.2 i *	95.1 i *	86.9 i *
0206;3010+4110 +4910	Offal for pharmaceutical products	free	free	free
0206;3021+4191	Livers	2.3 %	1.2 %	free
0206;3031+4991	Other offals	1.3 %	0.7 %	free
0209;0011	Subcutaneous pig fat	25.4 i	23.4 i	21.4 i
0209;0019	Dried/smoked pig fat	28 i	25.8 i	23.6 i
0209;0030	Other pig fat	15.3 i	14.1 i	12.9 i
0210;1111	Salted/brined hams	92.4 i	85.1 i	77.8 i
0210;1119	Salted/brined shoulders	71.4 i	65.7 i	60.1 i
0210;1131	Dried/smoked hams	179.6 i	165.4 i	151.2 i
0210;1139	Dried/smoked shoulders	141.3 i	130.2 i	119.0 i
0210;1211	Salted/brined bellies	55.4 i	51.1 i	46.7 i
0210;1219	Dried/smoked bellies	92.4 i	85.1 i	77.8 i
0210;1910	Salted/brined bacon sides	81.6 i	75.1 i	68.7 i
0210;1920	Salted/brined three-quarter sides	89.2 i	82.1 i	75.1 i
0210;1930	Salted/brined fore-ends	71.4 i	65.7 i	60.1 i
0210;1940+1951 +1959	Other salted/brined meat	103.2 i	95.1 i	86.9 i
0210;1960	Dried/smoked fore-ends	141.3 i	130.2 i	119.0 i
0210;1970	Dried/smoked loins	177.7 i	163.6 i	149.6 i
0210;1981+1989	Other dried/smoked meat	179.6 i	165.4 i	151.2 i
0210;9031	Preserved livers	77.1 i	71.0 i	64.9 i
0210;9039	Other preserved offal	56.0 i	51.6 i	47.2 i

1601;0010	Liver sausages	18.3 %	16.8 %	15.4 %
1601;0091	Uncooked sausages	177.4 i *	163.4 i *	149.4 i *
1601;0099	Other sausages	119.3 i *	109.9 i *	100.5 i *
1602;2090	Other prepared liver	19 %	17.5 %	16 %
1602;4110	Prepared hams	186.2 i *	171.5 i *	156.8 i *
1602;4210	Prepared shoulders	153.5 i *	141.4 i *	129.3 i *
1602;4911	Mixtures with prepared loins	186.2 i *	171.5 i *	156.8 i *
1602;4913+1915	Preserved mixtures with hams, shoulders, loins or collars	153.5 i *	141.4 i *	129.3 i *
1602;4919	Other preserved mixtures with \$ 80 % meat	101.8 i *	93.7 i *	85.7 i *
1602;4930	Mixtures with 40-80 % meat	89.1 i *	82.0 i *	75.0 i *
1602;4950	Mixtures < 40 % meat	64.5 i *	59.4 i *	54.3 i *
1602;9051	Preparations of meat or offal	101.8 i	93.7 i	85.7 i

\* WTO quota. Limited quantities are available at a lower tariff or duty rate.

Source: Official Journal of the European Communities, L 292, Volume 41, 30 October 1998. Schedule LXXX - European Communities. FAS/Berlin calculation.

Table 28: EU Custom Tariffs for Meat of Non-Domesticated Swine (in Percent)

CN Code	Description	07/98-06/99	07/99-06/2000	07/2000
0203;1190+2190	Carcases	1	0.5	free
0203;1290+2290	Hams and shoulders	1	0.5	free
0203;1990+2990	Other cuts	1	0.5	free
0206;3090+4199+4999	Offals	1	0.5	free
0210;1190+1290+1990	Salted/dried/brined/smoked cuts	18.3	16.8	15.4
1602;4190+4290+4990	Prepared/preserved cuts	12.9	11.9	10.9

Source: Official Journal of the European Communities, L 292, Volume 41, 30 October 1998. Schedule LXXX - European Communities. FAS/Berlin calculation.

Table 29: EU Custom Tariffs for Meat of Sheep and Goats (in Percent and *i* per 100 kg/net)

CN Code	Description	07/98-06/99	07/99-06/2000	07/2000
		% + <i>i</i> /100 kg net	% + <i>i</i> /100 kg net	% + <i>i</i> /100 kg net
0204;1000+2100+5011	Fresh carcasses	15.2% + 203.4*	14% + 187.4*	12.8% + 171.3*
0204;2210+5013	Fresh short forequarters	15.2% + 142.4*	14% + 131.2*	12.8% + 119.9*
0204;2230+5015	Fresh chines or best ends	15.2% + 223.8*	14% + 206.2*	12.8% + 188.5*
0204;2250+2290+5019+5031	Other fresh cuts with bone in	15.2% + 264.5*	14% + 243.6*	12.8% + 222.7*
0204;2300+5039	Fresh boneless cuts	15.2% + 370.3*	14% + 341.0*	12.8% + 311.8*
0204;3000+4100+5051	Frozen carcasses	15.2% + 153.0*	14% + 140.9*	12.8% + 128.8*
0204;4210+5053	Frozen short forequarters	15.2% + 107.1*	14% + 98.7*	12.8% + 90.2*
0204;4230+5055	Frozen chines or best ends	15.2% + 168.3*	14% + 155*	12.8% + 141.7*
0204;4250+4290+5071+5059	Other frozen cuts with bone in	15.2% + 198.9*	14% + 183.2*	12.8% + 167.5*
0204;4310+4390+5079	Frozen boneless cuts	15.2% + 278.5*	14% + 256.5*	12.8% + 234.5*
0206;8099+9099	Offal	1 %	0.5 %	free
0210;9011	Salted/brined/dried/smoked meat with bone in	264.5	243.6 <i>i</i>	222.7
0210;9019	Boneless meat salted/brined/dried/smoked	370.3	341.0 <i>i</i>	311.8
0210;9060	Salted/brined/dried/smoked offal	18.3 %	16.8 %	15.4 %
1602;9072+9076	Mixtures of cooked sheep meat	15.0 %	14.0 %	12.8 %
1602;9074+9078	Mixtures of cooked goat meat	19.7 %	18.2 %	16.6 %

\* WTO quota. Limited quantities are available at a lower tariff or duty rate.

Source: Official Journal of the European Communities, L 292, Volume 41, 30 October 1998. Schedule LXXX - European Communities. FAS/Berlin calculation.

Table 30: EU Custom Tariffs for Hides and Skins

CN Code	Description	07/98-06/99	07/99-06/2000	07/2000
4101;1010:3090	Raw bovine hides and skins	free	free	free

Source: Official Journal of the European Communities, L 292, Volume 41, 30 October 1998. Schedule LXXX - European Communities. FAS/Berlin calculation.

Table 31: EU Custom Tariffs for Tallow and Grease (in Percent or i per 100 kg/net)

CN Code	Description	07/98-06/99	07/99-06/2000	07/2000
1501;0011	Pig fat for industrial use	1 %	0.5 %	free
1501;0019	Pig fat	20.4 i	18.8 i	17.2 i
1502;0010	Bovine fat for industrial use	free	free	free
1502;0090	Bovine fat	3.8 %	3.5 %	3.2 %
1503;0011	Lard stearin for industrial use	free	free	free
1503;0019	Lard stearin	6.1 %	5.6 %	5.1 %
1503;0030	Tallow oil for industrial use	1.3 %	0.7 %	free
1503;0090	Other lard/oil and tallow	7.6 %	7 %	6.4 %

Source: Official Journal of the European Communities, L 292, Volume 41, 30 October 1998. Schedule LXXX - European Communities. FAS/Berlin calculation.

**Section III: Strategic Feed Industry Indicator Tables**

Table 32: Gross Domestic Production of Meat, Milk and Eggs (in 1,000 MT, million eggs)

	1998	1999	2000	2001
	Final	Last	Current	Forecast
Marketing Year Begin	01/1998	01/1999	01/2000	01/2001
Beef/Veal	1,449	1,420	1,400	1,400
Pork	3,744	3,850	3,900	3,850
Poultry Meat	769	790	800	810
Broiler	422	430	435	440
Hens and Cocks	58	58	58	58
Ducks and Geese	42	42	42	42
Turkey	247	260	265	270
Sheep/Mutton/Goat Meat	44	44	44	44
Horse Meat	5	5	5	5
Variety Meats	329	330	330	330
Other Meat 1/	89	89	89	89
<b>TOTAL MEAT</b>	<b>7,198</b>	<b>7,318</b>	<b>7,368</b>	<b>7,338</b>
Egg	14,164	14,200	14,200	14,200
Milk	28,500	28,400	28,400	28,400

Source: ZMP, various "Bilanzen." FAS/Berlin estimate.

Table 33: Animal Numbers (in 1,000 head, beginning stocks of marketing year)

Year	1998	1999	2000	2001
	Final	Last	Current	Forecast
Marketing Year Begin	01/1998	01/1999	01/2000	01/2001
<b>CATTLE</b>	<b>15,227</b>	<b>14,942</b>	<b>14,488</b>	<b>14,160</b>
Calves until six months of age	2,275	2,190	2,153	2,150
Calves until one year of age	2,622	2,562	2,469	2,450
Heifers for Breeding	1,904	2,905	2,775	2,700
Other and Slaughter Animals	2,792	1,812	1,769	1,720
Suckler Cows	608	640	678	690
Dairy Cows	5,026	4,833	4,644	4,450

HOGS	24,795	26,294	25,793	25,450
Piglets	6,149	6,574	6,471	6,400
Young pigs below 50 kg	6,599	6,910	6,620	6,550
Slaughter pigs above 50 kg	9,363	10,083	10,051	10,000
Sows and Boars	2,684	2,727	2,651	2,500
SHEEP AND GOAT	2,302	2,310	2,310	2,310
Up to one year of age	560	560	560	560
Above one year of age	1,742	1,750	1,750	1,750
POULTRY	104,900	106,300	107,550	108,300
Laying Hens	50,500	50,200	50,200	50,200
Broiler	44,000	45,000	45,700	46,100
Turkey	7,500	8,000	8,400	8,700
Ducks and Geese	2,900	3,100	3,250	3,300
Horses	670	680	690	700
Dogs	5,200	5,200	5,200	5,200
Cats	6,300	6,500	6,500	6,500
Birds	5,100	5,100	5,100	5,100
Fish Aquariums	3,200	3,200	3,200	3,200
Small animals	4,100	4,600	4,600	4,600
Inland Fisheries (in MT)	52,000	52,000	52,000	52,000

1/ Small Animals.

Source: ZMP, various "Bilanzen." German Association of Pet Food. FAS/Berlin estimate.

Statistisches Jahrbuch, Jahresbericht Deutsche Fischwirtschaft.

Table 34: Total Feed Supply (in 1,000 MT)

	1998	1999	2000	2001
	Final	Last	Current	Forecast
Marketing Year Begin	07/1997	07/1998	07/1999	07/2000
Area used for feed production (in ha)	10,495	10,495	10,495	10,495
Grain	21,934	21,934	21,934	21,934

Pulses	647	647	647	647
Oilseeds	55	55	55	55
Maniok	69	69	69	69
Dry Green Feed	450	450	450	450
Bran	1,645	1,645	1,645	1,645
Oilcakes and oilmeals	6,023	6,315	5,715	5,765
thereof Soybean Meal	3,444	3,650	3,150	3,200
Palmkernel Meal	596	500	500	500
Rapeseed Meal	1,406	1,650	1,550	1,550
Corn Germ Meal	48	50	50	50
Sunflower Meal	443	385	385	385
Other Meals	86	80	80	80
Sugar Beet Chips	1,468	1,468	1,468	1,468
Corn gluten Feed	1,324	1,324	1,324	1,324
Vegetable Oils and Fats	48	48	48	48
By-Products from brewing and distilling	1,922	1,922	1,922	1,922
Other by-products from processing	1,495	1,495	1,495	1,495
Pasture and Meadows	42,802	42,802	42,802	42,802
Corn for Silage	56,844	56,844	56,844	56,844
Other fodder crops and by-products	16,853	16,853	16,853	16,853
Animal Feed	5,379	5,379	5,379	5,379
thereof Animal, Meat and Bone Meal	368	368	368	368
Fish Meal	102	102	102	102
Milk of all type	1,567	1,567	1,567	1,567
NFDM and Whey Powder	178	178	178	178
Whey	2,996	2,996	2,996	2,996
Animal Fats	168	168	168	168
TOTAL FEED	158,958	159,250	158,650	158,700
thereof COMPOUND FEED	18,559	19,030	18,810	18,239

Source: BML, Statistischer Monatsbericht 12/1999. FAS/Berlin estimate.

Table 35: Compound Feed Production and Use (in 1,000 MT)

	1998	1999	2000	2001
	Final	Last	Current	Forecast
Marketing Year Begin	07/1997	07/1998	07/1999	07/2000
Grain	6,309	6,500	6,400	6,200
Pulses	398	400	400	370
Bran	1,538	1,500	1,500	1,400
Oilcakes and oilmeals	4,533	4,830	4,710	4,629
Maniok	69	70	70	70
Citrus and Fruit Pellets	534	600	600	540
Corn gluten Feed	1,324	1,500	1,400	1,300
Sugar Beet Chips	1,100	1,100	1,100	1,100
Fish, animal and bone meal	461	460	460	460
Mineral Feed	870	880	880	880
Nonfat Dry Milk Powder	93	90	90	90
Other	1,330	1,100	1,200	1,200
Compound Feed Production	18,559	19,030	18,810	18,239
Compound Feed Capacity	22,300	21,900	21,800	21,600
Prod. by integrated producers	0	0	0	0
Prod. by commercial producers	18,559	19,030	18,810	18,239
For				
Horses	276	280	285	289
Cattle	7,420	7,000	7,000	7,000
Hogs	6,408	7,300	7,075	6,500
Poultry	4,198	4,200	4,200	4,200
Other Animals	257	250	250	250
Compound Feed Used	18,559	19,030	18,810	18,239
Compound Feed (KGE)	16,555	17,000	16,600	16,300
Grain/Feed Concentr. (KGE)	16,258	16,500	16,000	16,000
Other Feed (KGE)	32,742	32,000	32,000	32,000
Total Feed (KGE)	65,555	65,500	64,600	64,300

Source: BML, Statistischer Monatsbericht 12/1999. FAS/Berlin estimate.

Table 36: Feed Use by Animal Type (in kg Grain/Energy Units per animal)

	1998	1999	2000	2001
	Final	Last	Current	Forecast
Marketing Year Begin	07/1997	07/1998	07/1999	07/2000
<b>CATTLE</b>	2,737	2,737	2,737	2,737
thereof compound feed	406	406	406	406
Grain	417	417	417	417
Pulses	22	22	22	22
Feed Concentrate	439	439	439	439
Root Crops	58	58	58	58
Hay and green fodder	1,760	1,760	1,760	1,760
Straw	10	10	10	10
Milk of all type	31	31	31	31
<b>HOGS</b>	670	670	670	670
thereof compound feed	233	233	233	233
Grain	509	509	509	509
Pulses	11	11	11	11
Feed Concentrate	128	128	128	128
Root Crops	10	10	10	10
Hay and green fodder	0	0	0	0
Milk of all type	12	12	12	12
<b>POULTRY</b>	44	44	44	44
thereof compound feed	37	37	37	37
Grain	29	29	29	29
Pulses	0	0	0	0
Feed Concentrate	15	15	15	15
<b>SHEEP AND GOATS</b>	337	337	337	337
thereof compound feed	62	62	62	62
Grain	67	67	67	67
Pulses	1	1	1	1
Feed Concentrate	28	28	28	28

Root Crops	5	5	5	5
Hay and green fodder	225	225	225	225
Straw	10	10	10	10
Milk of all type	1	1	1	1
HORSES	1,742	1,742	1,742	1,742
thereof compound feed	323	323	323	323
Grain	290	290	290	290
Feed Concentrate	248	248	248	248
Root Crops	46	46	46	46
Hay and green fodder	1,124	1,124	1,124	1,124
Straw	31	31	31	31
Milk of all type	3	3	3	3

Note: Figures are converted into metric kg Grain/Energy Units from metric weights.

Source: BML, Statistischer Monatsbericht 12/1999. FAS/Berlin estimate.

Table 37: Net Imports of Animal Feed (in 1,000 MT)

	1998	1999	2000	2001
	Final	Last	Current	Forecast
Marketing Year Begin	07/1997	07/1998	07/1999	0/2000
Wheat	265	250	270	280
Ray	0	0	0	0
Barley	265	250	260	265
Hafer	4	5	4	4
Corn	38	40	43	44
Other Grains	29	30	25	25
Feed Rice	2	2	2	2
TOTAL GRAINS	603	577	604	620
Peas	91	90	90	90
Beans	5	5	5	5
Other Pulses	32	30	30	30

TOTAL PULSES	128	125	125	125
Oilseeds	18	25	25	25
Maniok	69	70	75	75
Dry Green Feed	133	150	150	150
Bran	180	200	180	180
Sugar Beet Chips	(126)	(120)	(120)	(120)
Corn Gluten Feed	1,143	1,200	1,100	1,100
Molasses	125	130	130	130
Citrus and Fruit Pellets	534	600	600	500
Vegetable Oils and Fats	27	30	30	30
By-Products from brewing and distilling	450	450	450	450
Potato Pulp	2	2	2	2
FEED FROM PLANT PROCESSING	2,335	2,492	2,372	2,272
Soybean Meal	3,444	3,600	3,700	3,300
Palm Kernel Meal	596	610	610	590
Rapeseed Meal	(19)	(25)	(25)	(25)
Sunflower Meal	401	400	350	350
Other oilmeals and cakes	96	100	110	90
TOTAL OILMEALS AND CAKES	4,518	4,685	4,745	4,305
Animal Meal	(282)	(290)	(290)	(290)
Fish Meal	85	110	95	85
Nonfat Dry Milk Powder	40	40	40	40
Whey Powder	20	20	20	20
Animal Fats	0	0	0	0
ANIMAL FEEDS	(137)	(120)	(135)	(145)
TOTAL NET FEED IMPORTS	7,667	8,004	7,961	7,427

Note: Comprises net trade (imports minus exports). A parenthesis means that exports exceeded imports.

Source: BML, Statistischer Monatsbericht 12/1999. FAS/Berlin estimate.

Table 38: Tariff Rates for Selected Animal Feed (in Percent or Euro per 100 kg net)

CN Code	Product Description	Bound Rate	Other
		in Percent	Import Tax/Fee*
0505.90	Feather Meal	free	16
1501.00	Pig and Poultry Fat:		
1501.00.19.001	Pig Fat - edible	\$17.20	16
1501.00.19.009	Pig Fat - inedible	\$17.20	16
1501.00.90.001	Poultry Fat - edible	11.5	7
1501.00.90.009	Poultry Fat - inedible	11.5	7
1502.00.90.000	Fats of bovine, sheep and goats	3.2	16
1511	Palm Oil and it's fractions, not chemically modified:		
1511.10	Crude oil:		
1511.10.10	Crude oil for technical or industrial use	free	16
1511.10.90	Other crude oils	3.8	16
1511.90	Refined oils:		
1511.90.11	Refined oils, solid fractions, <= 1kg	12.8	16
1511.90.19	Refined oils, solid fractions, > 1kg	12.8	16
1511.90.91	Refined oils, other, for tech./ind.l use	5.1	16
1511.90.99	Refined oils, other, not for tech./ind. use	9.0	16
1518.00	Anml/Veg. Fats and Oils:		
1518.00.10	Linoxyn	7.7	16
1518.00.31	Fixed veg. oils, fluid, mixed, for techn./ind. use, crude	3.2	16
1518.00.39	Fixed veg. oils, fluid, mixed, for techn./ind. use, refined	5.1	16
1518.00.91	Animal and vegetable fats and oil and their fraction, treated	7.7	16
1518.00.95	Other: Inedible mixtures or prep. animal	2.0	16
1518.00.99	Other: Edible mixtures or prep. animal	7.7	16
2301.10	Meat and Bone Meal	free	7

2301.20	Fish Meal	free	7
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\* Value Added Tax.

Source: Official Journal of the European Communities, L278, German Customs Offices.

Table 39: Compound Feed Producers (in 1,000, 250 MT to over 300,000 MT annual production)

<b>1,000MT</b>	<b>0.25-5</b>	<b>5-10</b>	<b>10-50</b>	<b>50-100</b>	<b>100-200</b>	<b>200-300</b>	<b>&gt;300</b>	<b>Total</b>
<b>1996/97</b>	235	62	139	48	32	17	8	541
<b>1997/98</b>	225	70	126	49	36	14	6	526
<b>1998/99</b>	212	68	123	54	30	15	8	510

Source: Fachverband der Futtermittelindustrie, Mischfutter-Tabellarium, 2000, table 15.